**Exponential Integration**

**Evaluate the following integrals. Use the chain rule if needed.**

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| *1.*  *2.*  *3.*  *4.* | 5.  6.  7. , where *a* and *b* constant  8. |

Answers:

1.  +C, 2. , 3. , 4. , 5. , 6. , 7. , 8. 